

**BUILT A LOW-CODE ONLINE TRAINING PLATFORM
FOR A FORTUNE 500 COMPANY TO WELCOME
WORKERS, ENTREPRENEURS, AND VISITORS.**

CASE STUDY

A LOW-CODE DEVELOPMENT CASE STUDY



A global leader in optimized resource management with nearly 178,780 employees worldwide, providing water, waste, and energy management solutions for the sustainable development of communities and industries, wanted us to build an online training platform rapidly.

The aim was to build an induction training platform consisting of videos explaining the onsite risks and protecting oneself and others.

PROBLEM STATEMENT

Our client is a shareholder and service provider for a 3.5-million-square-foot hospital complex—the largest public-private partnership (P3) in North America.

The client helps the hospital provide maintenance, life cycle and energy performance management, and security services for 345,000 ambulatory patients, 22,000 inpatients, and 65,000 emergency patients each year. Adding, the hospital hosts more than 10,000 employees and 6,000 students.

With the daily addition of workers, students, entrepreneurs, and visitors, the hospital's onsite safety education alone were not enough. The growing number opened a huge risk of security and safety concerns for visitors and patients. The hospital also conducted different onsite training programs for various groups and wanted to host them in an online-based platform. Mainly to maintain footfall within operational capacity.

To overcome these challenges, the hospital wanted an online training platform. And an induction program to educate the risks present in the hospital facilities to protect themselves and patients.

BUSINESS GOALS



Automate entire training programs to online mode



On-demand online courses for self-paced learning



Educate visitors for early identification of risks



Develop risk responses and contingency plan



Ease-of-use, scalability, and cost-effectiveness



Anytime-anywhere information access

SOLUTION



As a starting point, our team went through the existing documents. This helped us understand the risks present on site and the measures one must take to be safe.

Considering security and safety concerns, we adopted a separate delivery mechanism for the workers, students, entrepreneurs, and visitors to perceive the risk entirely.

That said, the entire e-course workflow was created as a self-paced WBT (web-based training) illustrated through a series of short videos that showed the many virtue risks. And how to respond and safeguard oneself and patients.

Following each video, we planned a set of questions, and only when answered right, the next video is shown. Lastly, after completing all modules, the attendees had to give a complete evaluation test to visit the hospital facility or start the main course.

Finally, to expedite application development, we used an agile approach to design, develop, and test the application parallelly using a low-code platform and delivered it successfully within 4 weeks.

HOW ZUCI SYSTEMS HELPED?



Studied the requirements, estimation and designed the overall workflow



After creating the workflow, our team analyzed the existing system infrastructure for providing the optimal solution and prepared a timeline for deploying the solution



Finalized technical requirements and evaluated third-party tools for the project



We initially started with the database design, which is easy to use, secure and scalable



Parallely our team of UI/UX developers began working on the UI development



Weekly sprint was planned for design and development



Conducted weekly sprint meetings with the stakeholders for updating the progress, get feedback and addressed those which are within the sprint, and kept note of other items for the next sprint

[Continued >](#)

HOW ZUCI SYSTEMS HELPED?



Each sprint went through QA, and once approved, was deployed to test environment



Once approved, our team deployed the application to acceptance environment



Post-deployment, the client feedbacks were worked on, and finally deployed the application to the production environment



Provided solution documentation (including a system administration guide), onsite support, oversight for production rollout, and post-production support to ensure successful business adoption



BUSINESS OUTCOME

No

paperwork

100%

automation of training programs

47%

increase in early identification of risks

61%

reduction in development cost

World-class

user experience across devices

LOW-CODE PARTNER





REDEFINE YOUR DIGITAL LANDSCAPE WITH LOW-CODE APPLICATION DEVELOPMENT
CONTACT US TODAY AND START YOUR LOW-CODE JOURNEY

Book a Consultation →



www.zucisystems.com



Chennai, TamilNadu
Chicago, Illinois
Brussels, Belgium



US: +1 (331) 903-5007
Belgium: +32 477411912
India: +91 (44) 49525020



sales@zucisystems.com